4<sup>th</sup> GRADE
MANUELINE

MANUELINE

4

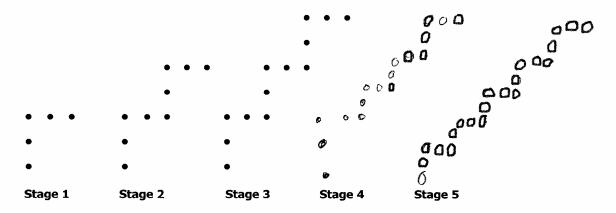
Your teacher will read the entir Do not use a calculato	
The fourth grade class opened a store at sch 104 rulers, 19 pens, and 1,204 pencils.	ool. They had <u>25 notebooks</u> , <u>62 erasers</u> ,
a. How many total items did the fourth grade class have that they could sell?  Show or explain how you found your answer.  25 notebooks 62 erasers 04 rulers 19 pens 1,204 pencils  There and 714 items that can be sold in all.	b. The students need three times as many erasers as the store has on the shelf. How many erasers do the students need? Show or explain how you found your answer.  Check 62 62 62 62 186 in all X 3 (+ ri ple) They need 86 Advanced mathematical vocabulary
c. A teacher bought 25 rulers from the school store. How many rulers were left? Show or explain how you found theck your answer.  25 bought YHY (Ners + 79 left)  They have 79 left.  Advanced application of basic skills in checking work	d. Five students came to buy the 25 notebooks. Each of the five students got the same number of notebooks. How many notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.  Show the same number of notebooks did each student buy? Show or explain how you found your answer.

Read problems 2, 3, 4, and 5 on this and the next two pages.

Select three problems to answer. Answer ALL of the parts of the three problems you select to answer.

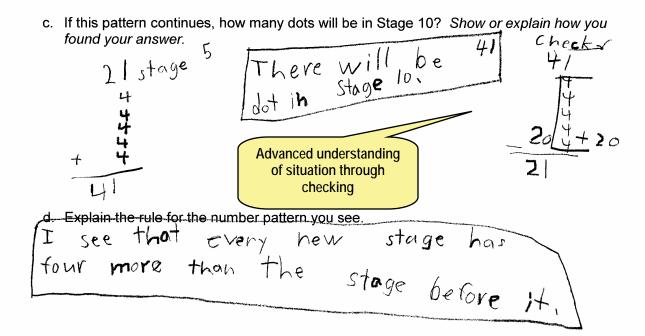
Cross out the one problem that you do not choose to answer.

- 2. Look carefully at the stair-step pattern.
  - a. Draw Stage 4 and Stage 5 of the pattern.



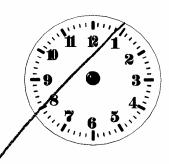
b. Complete the chart below showing the total number of dots in each stage.

	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
Number of Dots	5	9	/3	17	21



3.

Cinema 6 Movie Theater				
1 <sup>st</sup>	movie begins at	12:15 PM		
2 <sup>nd</sup>	movie begins at	12:30 PM		
3 <sup>rd</sup>	movie begins at	12:45 PM		
4 <sup>th</sup>	movie begins at	1:00 PM		
5 <sup>th</sup>	movie begins at	1:15 PM		
6 <sup>th</sup>	movie begins at	1:30 PM		



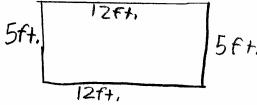
a. How much time is between the start of the first movie and the start of the sixth movie? Show or explain how you found your answer.

b. If the third movie lasts 2 hours and 15 minutes, what time will it be when the movie finishes? Show or explain how you found your answer.

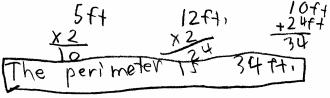
c. A family wants to go to the fifth movie. They live 40 minutes from the theater. What time will they need to leave home to get to the theater on time? Show of explain how you found your answer.

4. Mrs. McNeal is going to plant her garden. She wants to make it 12 feet long and 5 feet wide.

a. Draw a picture or a diagram of her garden. Label the measurement of each side.



c. What is the perimeter of Mrs. McNeal's garden? Show or explain how you found your answer.



Effective problem-solving strategy

**5.** Andre asked his teammates to choose their favorite kind of cookie. Their choices are listed below:

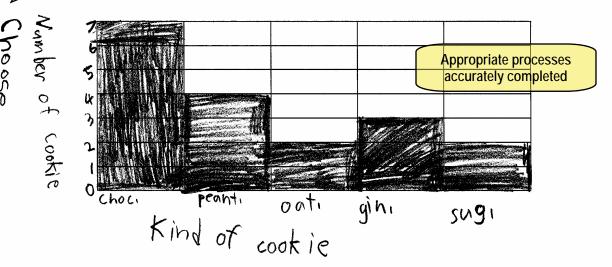
Teammate	Favorite Cookie	Teammate	Favorite Cookie
Pete	chocolate chip 🗸	Ryan	chocolate chip J
Cory	peanut butter /	Danny	oatmeal <i>J</i>
Bob	oatmeal√	Chris	ginger√ `
Jack	chocolate chip√	Tom	sugar <sub>√</sub>
Josh	peanut butter√	Bill	peanut butter √
Steve	ginger. ✓	Tony	chocolate chip√
Mike	chocolate chip√	Kayd	chocolate chip√
Matt	chocolate chip√	Payton	peanut butter√
Shawn	sugar √	Sam	ginger J

a. How many teammates chose each kind of cookie? Show or explain how you found your answer.

Chocolote Chip peanut butter outment ginger sagar

Q. Make a graph to show how many teammates chose each kind of cookie. Label the graph.

Favorite Cookie Type



c. Write **two** things you learned about the cookie choices by looking at the graph.

I leaned that Chocolate Chip is the most and oatment and sugar are the same